

Dihydromorphine, bis(trimethylsilyl) ether

Inchi: InChI=1S/C23H37NO3Si2/c1-24-13-12-23-16-9-11-19(27-29(5,6)7)22(23)25-21-18(26-28)3
InchiKey: QEYOGUOTCFGUQN-UHFFFAOYSA-N
Formula: C₂₃H₃₇NO₃Si₂
SMILES: CN1CCC23c4c5ccc(O[Si](C)(C)C)c4OC2C(O[Si](C)(C)C)CCC3C1C5
Mol. weight [g/mol]: 431.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.03		Crippen Method
logp	4.789		Crippen Method
rinpol	2419.40		NIST Webbook
rinpol	2419.40		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U417188&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/115-959-0/Dihydromorphine-bis-trimethylsilyl-ether.pdf>

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